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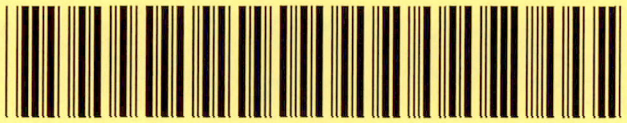

DocumentID NONCD0002834

Site Name BURLINGTON INDUSTRIES

DocumentType Ranking (RANK)

RptSegment 1

DocDate 6/20/2008

DocRcvd 6/20/2008

Box SF2232

AccessLevel PUBLIC

Division WASTE MANAGEMENT

Section SUPERFUND

Program IHS (IHS)

DocCat FACILITY

INACTIVE SITES RANKING SYSTEM
SUMMARY SHEET

Site Name: Burlington Industries Plant

Location: 1000 Turnpike Rd. Raeford N.C.

ID Number:

Ranked By: Ryan Locklear Date: 06/20/08

Reviewed By: Date:

Site Description/Comments:

Site was a former textile manufacturing facility and had several UST's. There were several organic compounds which have turned up in the groundwater.

Route Scores: GW = 74.49 SW = 60.52 A = 0 P = 39.37

Total Score: $\frac{((\quad)^2+(\quad)^2+(\quad)^2}{2}+(\quad)^2)^{1/2} = 51.87$

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I. GROUND WATER ROUTE WORK SHEET

Rating Factor	Assigned Value (Circle One)	Score

A. Route Characteristics

1. Depth to Water Table 0 2 4 6 (8) 10
2. Net Precipitation 0 1 (2) 3
3. Hydraulic Conductivity 0 1 (2) (3)
4. Physical State 0 1 2 (3)

Total Route Characteristics Score	16

B. Containment	0 1 2 (3)	3

C. Waste Characteristics

1. Toxicity/Persistence 0 3 6 9 12 15 (18)
2. Hazardous Waste Quantity 0 1 2 3 4 (5) 6 7 8

Total Waste Characteristics Score	23

Ground Water Route of Migration Score

The Ground Water Route of Migration Score is obtained by multiplying lines A, B, and C and dividing this by 14.82 to give a score between 0 and 100.

Total Ground Water Route of Migration Score: 74.49

II. SURFACE WATER ROUTE WORK SHEET

Rating Factor	Assigned Value (Circle One)	Score
A. Route Characteristics		
1. Facility Slope and Intervening Terrain	0 (1) 2 3	
2. 1-yr., 24-hour Rainfall	0 1 2 (3)	
3. Distance to Nearest Surface Water	0 2 4 (6) 8 10	
4. Physical State	0 1 2 (3)	
	Total Route Characteristics Score	13
B. Containment	0 1 2 (3)	3
C. Waste Characteristics		
1. Toxicity/Persistence	0 3 6 9 12 15 (18)	
2. Hazardous Waste Quantity	0 1 2 3 4 (5) 6 7 8	
	Total Waste Characteristics Score	23

Surface Water Route of Migration Score

The Surface Water Route of Migration Score is obtained by multiplying lines A, B, and C and dividing this by 14.82 to give a score between 0 and 100.

Total Surface Water Route of Migration Score: 60.52

III. AIR ROUTE WORK SHEET

Rating Factor	Assigned Value (Circle One)	Score

A. Waste Characteristics

1. Reactivity and Incompatibility	0 1 2 3	N A
2. Toxicity	0 3 6 9	
3. Hazardous Waste Quantity	0 1 2 3 4 5 6 7 8	

Total Waste Characteristics Score	

B. Targets

1. Population Within a 4-Mile Radius	0 9 12 15 18 21 24 27 30	
2. Distance to Sensitive Environment	0 2 4 6	
3. Land Use	0 1 2 3	

Total Targets Score	

Air Route of Migration Score

The Air Route of Migration Score is obtained by multiplying lines A and B and dividing this by 7.80 to give a score between 0 and 100.

Total Air Route of Migration Score: _____

IV. DIRECT CONTACT ROUTE SCORE SHEET

Rating Factor	Assigned Value (Circle One)	Score

A. Residential Population

1. Toxicity — 0 3 6 9

2. Targets

   a) High Risk Population (count x 8, max. 100) _____

   b) Total Resident Population (count x 2, max. 100) _____

   c) Sensitive Environment — 0 10 15 20 25

   Resident Target Score (lines 2a + 2b + 2c, max. 100) _____

	Total Residential Population Score	

B. Nearby Population

1. Likelihood of Exposure (matrix score) — .75

   a) Area of Contamination — 0 25 50 75 (100)

   b) Accessibility/ Frequency of Use — 5 25 (50) 75 100

2. Toxicity — 0 3 6 (9)

3. Targets (max. 100) — 105

	Total Nearby Population Score	

Overall Population Exposure Score

The Overall Population Exposure Score is determined by adding lines A and B and dividing this by 18 to give a score between 0 and 100.

Total Population Exposure Route of Migration Score: 39.37

DOCUMENTATION RECORDS
FOR
STATE HAZARD RANKING SYSTEM

INSTRUCTIONS: Briefly summarize the information you used to assign a score to each factor and document the source of the information and/or the rationale for each score.

Facility Name: Burlington Industries Plant

ID Number:

Location: 1000 Turnpike Rd. Raeford N.C.

Date Scored: 06/20/08

Person Scoring: Ryan Locklear

Factors Not Scored: Air Route

Comments:

References:

1. US Geological Survey Topographic Map, _____, NC, Quadrangle, _____ Photorevised _____.
2. North Carolina Atlas , University of NC Press, Chapel Hill, NC, 1975.
3. Rainfall Frequency Atlas of the US , Technical Paper 40, US Department of Commerce, Washington, DC, 1963.
4. 2000 Census of Population and Housing: Summary Population and Housing Characteristics: County, North Carolina, US Department of Commerce. http://www.census.gov
5. Dangerous Properties of Industrial Materials , N. Irving Sax, Van Reinhold Company, Inc., 1984.
6. 40 CFR 300 , Appendix A, July 1, 1988.

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GROUND WATER ROUTE

A. Route Characteristics:

1. Depth to Water Table: 6

2. Net Precipitation: 2

3. Hydraulic Conductivity of Unsaturated Zone: 6

4. Physical State: 6

B. Containment: 4

C. Waste Characteristics:

1. Toxicity/Persistence: 5

2. Hazardous Waste Quantity: 4

SURFACE WATER ROUTE

A. Route Characteristics:

1. Facility Slope and Intervening Terrain: 1

2. One-year 24-hour Rainfall: 3

3. Distance to Nearest Surface Water/Name: 1

4. Physical State: 6

B. Containment: 4

C. Waste Characteristics:

1. Toxicity/Persistence: 5

2. Hazardous Waste Quantity: 4

AIR ROUTE

A. Waste Characteristics:

1. Reactivity and Incompatibility: N/A

2. Toxicity:

3. Hazardous Waste Quantity:

B. Targets:

1. Population within 4-mile Radius/Distance from Hazardous Substance:

2. Distance to Sensitive Environment:

3. Land Use:

POPULATION EXPOSURE ROUTE

A. Residential Population:

1. Toxicity:

2. Targets:

   a. High Risk Population:

   b. Total Resident Population:

   c. Sensitive Environment:

B. Nearby Population:

1. Likelihood of Exposure Score:

   a. Area of Contamination:

   b. Accessibility/Frequency of Use:

2. Toxicity:

3. Targets: 0.1 (700) + 0.05 (700) = 105

   a. 0 - ½ mile: 3.14 (0.5_2)x _____ $people/_{sq.mi}$ =(_____ 4)

   b. ½ - 1 mile: 3.14 $(1_2 - 0.5_2)$x _____ $people/_{sq.mi.}$ =(_____ 4)

Print Form

Print Form

Staff Name: Sean Boyles

Inactive Hazardous Sites Tracking Data Entry

Always enter ID# and site name. Otherwise, only enter new information/changes.

ID#: _____ Site Name: Burlington Industries Raeford Plant

Site Address: 1000 Turnpike Road Site City: Raeford

Site County: Hoke

Coordinates: Latitude: 34.987945 Longitude: -79.243555

[NAD83, Decimal-degrees-fifth order]

Process Code: TX **Residence on Site?** **Yes** ☐ **No** ☒

Distance to Nearest Water Source Well: < 1/4 mile

Distance to Nearest Water Source Intake: < 1/4 mile

Geolocation Method:

- ☐ Registered Land Surveyor
- ☐ GPS Survey Grade Corrected
- ☐ GPS Survey Grade Not Corrected
- ☐ GPS Mapping Grade Corrected
- ☐ GPS Mapping Grade Not Corrected
- ☐ GPS Recreational Grade
- ☐ On Screen Placement on Georeferenced Map
- ☐ Hard Copy Map
- ☒ Geocoding (address match)
- ☐ Supplied by others (unsubstantiated)
- ☐ Unknown

Inventory Categories: ***(*If "Yes," site cannot be in more than one category.)***

SPL*	☒	SPL SCORE 51.87	
Voluntary (AA)*	☐		
Evaluation Pending*	☐		
No Further Action*	☐		
NFA - Restricted Use*	☐		
Non-HS Evaluation Pending	☐		
Non-HS Voluntary Action	☐		
Non-HS No Further Action	☐		

Solid Waste Lead	☐
Non-NPL EPA Superfund/DoD Lead	☐
NPL	☐
RCRA Non-TSD Lead	☐
TSD	☐
DRP Lead	☐
DSCA Lead	☐
UST Lead	☐
Duplicate	☐

Contaminant Data: ***(Based on laboratory detection.)***

	Groundwater	Soil	Surface Water	Sediment
Organics	☒	☒	☐	☐
Metals	☐	☐	☐	☐
Pesticides/Herbicides	☐	☐	☐	☐
Acids	☐	☐	☐	☐
Bases	☐	☐	☐	☐
Cyanide	☐	☐	☐	☐
Inorganics	☐	☐	☐	☐
Radioactive Constituents	☐	☐	☐	☐

Known/suspected Contamination (*Check only if no lab data*) ☐

Orders/AAs:

Instrument[1]	Docket #	Issued To (required if different from site name)	Medium/ Area Covered (default = entire site)	Effective Date	Instrument Withdrawn?	Work Completed Date	Staff Contact

1 - Instruments: AA-REC, Administrative Agreement, Assessment Order, Cleanup Order, Imminent Hazard Order, Public Nuisance Order, Recordation Order

Recorded Notices/DPLURs

Instrument (Enter DPLUR or Notice)	Property[2]	Date Recorded	Recorded By (Enter State or Owner) [Notice Only]	Replaces Previous Y/N	Annual Certification Date [DPLUR Only]	Date Canceled	Pursuant to Recordation Order Y/N [Notice Only]

2 - Enter owner's name. Add tract #s or other designation if multiple properties recorded for the same owner.

REANNA